2005 Tank 51 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	0.0142
Vapor Space Volume (cu ft):	576.6262
Vapor Density (lb/cu ft):	0.0000
Vapor Space Expansion Factor:	0.0153
Vented Vapor Saturation Factor:	0.9999
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	576.6262
Tank Diameter (ft):	14.0000
Vapor Space Outage (ft):	3.7458
Tank Shell Height (ft): Average Liquid Height (ft):	36.0000 32.4000
Roof Outage (ft):	0.1458
Roof Outage (Cone Roof)	
Roof Outage (fi):	0.1458
Roof Height (ft):	0.4375
Roof Stope (ft/ft):	0.0625
Shell Radius (ft):	7.0000
Vapor Density	
Vapor Density (ib/cu ft):	0.0000
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Dally Average Liquid	
Surface Temperature (psia):	0.0003
Daily Avg. Liquid Surface Temp. (deg. R):	654.6700
Daily Average Ambient Temp. (deg. F):	46.3542
Ideal Gas Constant R (psia cuft / (lb-mot-deg R));	10.731
Liquid Bulk Temperature (deg. R):	654.6700
Tank Paint Solar Absorptance (Sheli):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	
Factor (Blu/sqft day):	1,371.0030
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0153
Daily Vapor Temperature Range (deg. R):	10.0000
Daily Vapor Pressure Range (psia):	0.0001
Breather Vent Press, Setting Range(psia):	0.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.0003
Vapor Pressure at Daily Minimum Liquid	0,0003
Surface Temperature (psia):	0.0002
Vapor Pressure at Daily Maximum Liquid	010002
Surface Temperature (psia):	0.0004
Daily Avg. Liquid Surface Temp. (deg R):	654.6700
Daily Min. Liquid Surface Temp. (deg R):	649.6700
Daily Max. Liquid Surface Temp. (deg R):	659.6700
Daily Ambient Temp. Range (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9999
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.0003
Vapor Space Outage (ft):	3.7458
Working Losses (lb):	1.3260
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid	0.0000
Surface Temperature (psia):	0.0003 2,631,374.0000
Annual Net Throughput (gal/yr.): Annual Turnovers:	2,031,374.0000 57.9580
Turnover Factor:	0.6843
Maximum Liquid Volume (gal):	41,455,4515
Maximum Liquid Height (ft):	36.0000
Tank Diameter (ft):	14.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	1.3402

Emissions Report for: Annual

2005 Tank 51 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)										
Components	Working Loss	Breathing Loss									
Asphalt Cement	1.33		1.34								

Identification

User Identification: City: State: Company:

Type of Tank: Description:

2005 Tank 52 Blackfoot ldaho Idaho Asphalt

Vertical Fixed Roof Tank Asphalt Emulsion (Water-Based) Storage

36.00 14.00 36.00 32.40 41,455.45 57.96

Tank Dimensions

Shell Height (ft):
Shell Height (ft):
Diameter (ft):
Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons):
Turnovers: Net Throughput(gal/yr): 2,631,374.00

Is Tank Heated (y/n):

Paint Characteristics Shell Color/Shade: Aluminum/Diffuse Shell Condition Good Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Type: Cone

Height (ft) Slope (ft/ft) (Cone Roof) 0.44 0.06

Breather Vent Settings

Vacuum Settings (psig): Pressure Settings (psig) 0.00 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 52 - Vertical Fixed Roof Tank Blackfoot, Idaho

a carried reference a few and in Financial research could be a special of a safety declaration and in a record		and comment was the transfer.		Carabia a Son Caraba ann America							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	** • **********
			aily Liquid S parature (d		Liquid Bulk Temp	Vapo	r Pressure	(psia)	Vapor Mol.	∐quid Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Welght
ANT (Exemple) is accommon content of the date of the d	·	******	A-mcAr		(400.000 N. C.		marka tang mga katang pengapanang manga	/*	w.ov	manner for entropy to despite Annual An	************	
Asphalt Cement	All	195.00	190.00	200.00	195.00	0.0003	0.0002	0.0004	105.0000			1.000.00

2005 Tank 52 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	Marigha Maria da Campangan and Amaria da Campangan and Amaria da Campangan and Amaria da Campangan and Amaria
Standing Losses (lb);	0.0142
Vapor Space Volume (cu ft):	576,6262
Vapor Densily (lb/cu ft): Vapor Space Expansion Factor:	0.0000 0.0153
Vented Vapor Saturation Factor:	0.9999
Tamou Topol Galladam Tagori	010000
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	576.6262
Tank Diameter (ft):	14.0000
Vapor Space Outage (ft): Tenk Shell Height (ft):	3.7458 36.0000
Average Liquid Height (ft):	32.4000
Roof Outage (ft):	0.1458
Roof Outage (Cone Roof)	
Roof Oulage (fi);	0.1458
Roof Height (ft):	0.4375
Roof Slope (ft/ft):	0.0625
Shell Redius (fl):	7.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0000
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vepor Pressure at Daily Average Liquid	4.0400
Surface Temperature (psia): Daily Avg. Liquid Surface Temp. (deg. R):	0.0003 654,6700
Daily Average Ambient Temp. (deg. F);	46.3542
Ideal Gas Constant R	40.0042
(psia cuft / (lb-mol-deg R));	10.731
Liquid Bulk Temperature (deg. R);	654.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof): Daily Total Solar Insulation	0.6000
Factor (Blu/sqfl day);	1,371.0030
Venez Succe Funez-la- Factor	
Vapor Space Expansion Factor Vapor Space Expansion Factor:	0.0153
Daily Vapor Temperature Range (deg. R):	10.0000
Dally Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	0.0003
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psla):	0.0000
Vapor Pressure at Daily Maximum Liquid	0.0002
Surface Temperature (psia):	0.0004
Daily Avg. Liquid Surface Temp. (deg R):	654.6700
Daily Min. Liquid Surface Temp. (deg R):	649.6700
Daily Max. Liquid Surface Temp. (deg R):	659.6700
Daily Ambient Temp. Range (deg. R):	25.8250
Vented Vepor Saturation Factor	
Vented Vapor Saturation Factor:	0.9999
Vapor Pressure at Dally Average Liquid:	
Surface Temperature (psia): Vapor Space Outage (ft):	0.0003 3.7458
• • •	3.7430
Working Losses (lb);	1.3260
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia);	0.0000
Annual Net Throughput (gal/yr.):	0.0003 2,631,374,0000
Annual Turnovers:	57.9580
Turnover Factor:	0.6843
Maximum Liquid Volume (gal):	41,455.4515
Maximum Liquid Height (ft):	36.0000
Tank Diameter (ft):	14.0000
Working Loss Product Factor:	1.0000
Product Construction	
Total Losses (lb):	1.3402

Emissions Report for: Annual

2005 Tank 52 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)										
Components	Working Loss										
Asphalt Cement	1.33	0.01	1.34								

Identification

User Identification: City: State: Company: Type of Tank:

Blackfoot ldaho Idaho Asphalt Vertical Fixed Roof Tank

2005 Tank 53

Description:

Asphalt Emulsion (Water-Based) Storage

Tank Dimensions Shell Height (ft): 36.00 Diameter (ft): 14.00 Liquid Height (ft): Avg. Liquid Height (ft): Volume (galions): 36.00 32.40 41,455.45 Turnovers: 57.96 Net Throughput(gal/yr): 2,631,374.00

Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: Aluminum/Diffuse Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Type: Cone

Height (ft) 0.44 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings

Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 53 - Vertical Fixed Roof Tank Blackfoot, Idaho

and a district the first of a shown as one or one of the of the of the original representation of a district or a new forest or a second or district.			to grander of the second second	********		The Art of the soft a name of the			description and the second section is a second	er er en san er en	Control on particular and addressed to a processed	network conse
			illy Liquid S perature (de		Liquid Bulk Temp	Vapo	r Pressure	(psia)	Vapor Mol.	Llquid Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Weight
Secretaria contra contra de propieta de la contra del la cont						····	mani a Milia a de mos como		***********************	of the transport of the second		************
Asphall Cement	Ail	195.00	190.00	200.00	195.00	0.0003	0.0002	0.0004	105.0000			1,000.00

2005 Tank 53 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	0.0142
Vapor Space Volume (cu ft):	576.8282
Vapor Density (lb/cu ft):	0.0000
Vapor Space Expansion Factor:	0.0153
Vented Vapor Saturation Factor:	0.9999
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	576.6262
Tank Diameter (ft):	14.0000
Vapor Space Outage (ft):	3.7458
Tank Shell Height (ft):	36,0000
Average Liquid Height (R):	32.4000
Roof Outage (ft):	0.1458
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1458
Roof Height (ft):	0.4375
Roof Slope (ñ/h):	0.0625
Shell Radius (ft):	7.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0000
Vapor Molecular Welght (lb/lb-mole): Vapor Pressure at Dally Average Liquid	105.0000
Surface Temperature (pala):	0.0003
Daily Avg. Liquid Surface Temp. (deg. R):	654.6700
Daily Average Ambient Temp. (deg. F):	46,3542
Ideal Gas Constant R	40,3042
(psia cuft / (lb-mol-deg R)):	10.731
Liquid Butk Temperature (deg. R):	654,8700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	
Factor (Blu/sqft day):	1,371.0030
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0153
Dally Vapor Temperature Range (deg. R):	10.0000
Daily Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(psia);	0.000.0
Vapor Pressure at Daily Average Liquid	A 0000
Surface Temperature (psia):	0.0003
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psla):	0.0002
Vapor Pressure at Daily Meximum Liquid	0.0002
Surface Temperature (psia):	0.0004
Daily Avg. Liquid Surface Temp. (deg R):	654.6700
Daily Avg. Liquid Surface Temp. (deg R): Daily Min. Liquid Surface Temp. (deg R):	649.6700
Daily Max. Liquid Surface Temp. (deg R):	659.6700
Dally Ambient Temp. Range (deg. R);	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9999
Vapor Pressure at Dally Average Liquid:	0.0000
Surface Temperature (psia):	0.0003
Vapor Space Outage (ft):	3,7458
Working Losses (lb);	1.3260
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (ps/a);	0.0003
Annual Net Throughput (gal/yr.):	2,631,374.0000
Annual Turnovers:	67.9580
Turnover Factor;	0.6843
Maximum Liquid Volume (gal):	41,455.4515
Maximum Liquid Height (ft):	36.0000
Tank Diameter (ft):	14.0000
Working Loss Product Factor:	1.0000
-	
Fotal Losses (ib);	1.3402

Emissions Report for: Annual

2005 Tank 53 - Vertical Fixed Roof Tank Blackfoot, Idaho

		Losses(lbs)	
Components	Working Loss	Breathing Loss	Total Emissions
Asphalt Cement	1.33	0.01	1.34

Identification

User Identification: City: State:

Blackfoot ldaho Idaho Asphalt

Company: Type of Tank:

Vertical Fixed Roof Tank

2005 Tank 54

Description:

Asphalt Emulsion (Water-Based) Storage

Tank Dimensions
Shell Height (ft):
Diameter (ft):
Liquid Height (ft): Avg. Liquid Height (ft): Volume (gallons): Turnovers: Net Throughput(gal/yr):

36.00 14.00 36.00 32.40 41,455.45 57.96 2,631,374.00

Is Tank Heated (y/n):

Paint Characteristics Shell Color/Shade: Shell Condition

Aluminum/Diffuse

Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Cone

Height (ft) Slope (ft/ft) (Cone Roof)

0.44 0.06

Breather Vent Settings

Vacuum Settings (psig): Pressure Settings (psig)

0.00 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 54 - Vertical Fixed Roof Tank Blackfoot, Idaho

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			illy Liquid S perature (d		Uguld Bulk Temp	Vapo	or Pressure	(psia)	Vapor Mol.	Liquid Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min,	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Welght
ден Мейлен и на 1000 година и повет повет повет повет повет повет да др. 2000 г. Мордина у подава и подава у подава и	****************	war er a production of made or		****//** ******** A * ***								
Asphall Cement	All	195.00	190.00	200.00	195.00	0.0003	0.0002	0.0004	105.0000			1,000.00

2005 Tank 54 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	0.0142
Vapor Space Volume (cu ft):	576.6262
Vapor Density (lb/cu ft);	0.0000
Vapor Space Expansion Factor:	0.0153
Vented Vapor Saturation Factor;	0.9999
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	576.6262
Tank Diameter (ft):	14.0000
Vapor Space Outage (it):	3.7458
Tank Shell Helght (ft):	36.0000
Average Liquid Height (ft): Roof Outage (ft):	32.4000 0.1458
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1458
Roof Height (ft):	0.4375
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	7.0000
Vepor Density	
Vapor Density (lb/cu ft):	0.0000
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Dally Average Liquid	0.0000
Surface Temperature (psia):	0.0003 654,6700
Daily Avg. Liquid Surface Temp. (deg. R); Daily Average Amblent Temp. (deg. F):	46.3542
Ideal Gas Constant R	40.3342
(psia cuft / (ib-mot-deg R));	10.731
Liquid Bulk Temperature (deg. R):	654.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	
Factor (Btu/sqft day):	1,371.0030
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0153
Daily Vapor Temperature Range (deg. R):	10.0000
Daily Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Daily Average Liquid	0.0003
Surface Temperature (psia): Vapor Pressure at Daily Minimum Uquid	0.0003
Surface Temperature (psia);	0.0002
Vapor Pressure at Daily Maximum Liquid	0.0002
Surface Temperature (psia):	0.0004
Daily Avg. Liquid Surface Temp. (deg R):	654.6700
Daily Min. Liquid Surface Temp. (deg R):	649.6700
Dally Max. Liquid Surface Temp. (deg R):	659.6700
Daily Ambient Temp. Range (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9999
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.0003
Vapor Space Outage (ft):	3.7458
Working Losses (ib):	1.3260
Vapor Molecular Weight (ib/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	0.0003
Annual Net Throughput (gal/yr.):	2,631,374.0000
Annual Turnovers:	57.9580
Turnover Factor: Maximum Liquid Volume (gal):	0.6843 41,455,4515
Maximum Liquid Volume (gar): Maximum Liquid Height (ft):	36.0000
Tank Diameter (ft):	14.0000
Working Loss Product Factor:	1.0000
-	
Total Losses (b):	1,3402

Emissions Report for: Annual

2005 Tank 54 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)										
Components	Working Loss	Breathing Loss	Total Emissions								
Asphalt Cement	1.33	0.01	1.34								

Identification

User Identification: 2005 Tank 55 City: Blackfoot State: ldaho Company: Type of Tank: Description: Idaho Asphalt

Vertical Fixed Roof Tank

Asphalt Emulsion (Water-Based) Storage

Tank Dimensions

Shell Height (ft): 36.00 Diameter (ft): 14,00 Liquid Height (ft): Avg. Liquid Height (ft): 36,00 32,40 Volume (gallons): 41,455.45 Turnovers: 57.96 Net Throughput(gal/yr): Is Tank Heated (y/n): 2,631,374.00

Paint Characteristics

Shell Color/Shade: Aluminum/Diffuse

Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Cone Type:

Height (ft) 0.44 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings

Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 55 - Vertical Fixed Roof Tank Blackfoot, Idaho

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			illy Liquid S perature (d		Liquid Bulk Temp	Vapo	or Pressure	(osla)	Vapor Mol.	Liquid Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min,	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Welght
and determinent and control of the c	Andrew - A			************	orena eronanerenon (494)	der in militarish militarish samen ericesis st	on an oran man description	***************	a de caraca managações sens para para sens	e la cambre ca mora de sé describa de ser mario		manager, and a proper property of
Asphalt Cement	Αll	195.00	190.00	200.00	195.00	0.0003	0.0002	0.0004	105.0000			1,000.00

2005 Tank 55 - Vertical Fixed Roof Tank Blackfoot, Idaho

Standing Losses (lb):	0.0142
Vapor Space Volume (cu ft):	576.6262
Vapor Density (fb/cu ft):	0.0000
Vapor Space Expansion Factor:	0.0153
Vented Vapor Saturation Factor:	0.9999
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	576.6262
Tank Diameter (ft):	14.0000
Vapor Space Outage (ft): Tank Shell Height (ft):	3.7458 36.0000
Average Liquid Height (ft):	32.4000
Roof Outage (fi):	0.1458
Roof Oulage (Cone Roof)	
Roof Outage (ft):	0.1458
Roof Height (ft):	0.4375
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	7.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0000 105.0000
Vapor Molecular Weight (lb/lb-mole); Vapor Pressure at Daily Average Liquid	105,000
Surface Temperature (psia):	0.0003
Daily Avg. Liquid Surface Temp. (deg. R):	654.6700
Daily Average Ambient Temp. (deg. F):	46.3542
Ideal Gas Constant R	
(psia cuft / (lb-mol-deg R));	10.731
Liquid Bulk Temperature (deg. R):	654.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Reof): Daily Total Solar Insulation	0.6000
Factor (Btu/sqfl day);	1,371,0030
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0153
Dally Vapor Temperature Range (deg. R);	10.0000
Daily Vapor Pressure Range (psla):	0.0001
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	0.0003
Vapor Pressure at Daily Minknum Liquid Surface Temperature (psia):	0.0002
Vapor Pressure at Daily Maximum Liquid	0.0002
Surface Temperature (psia):	0.0004
Daily Avg. Liquid Surface Temp. (deg R):	654.6700
Daily Min. Liquid Surface Temp. (deg R):	649.6700
Daily Max. Liquid Surface Temp. (deg R):	659.6700
Daily Ambient Temp. Renge (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9999
Vapor Pressure at Dally Average Liquid:	
Surface Temperature (psia):	0.0003
Vapor Space Outage (ft):	3.7458
Vorking Losses (ib);	1.3260
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid	0.0003
Surface Temperature (psia): Annual Net Throughput (gal/yr.):	2,631,374.0000
Annual Tumovers:	2,031,374.0000 57.9580
Turnover Factor:	0.6843
Maximum Liquid Volume (gel):	41,455.4515
Maximum Liquid Height (ft):	36.0000
Tank Diameter (ft):	14.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	1.3402

Emissions Report for: Annual

2005 Tank 55 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)									
Components	Working Loss	Breathing Loss	Total Emissions							
Asphalt Cement	1.33		1.34							

Identification

User Identification: 2005 Tank 6 Blackfoot City: State: ldaho

Company: Type of Tank: Idaho Asphalt Vertical Fixed Roof Tank Description: Asphalt Cement Storage

Tank Dimensions Shell Helght (ft): Diameter (ft): 40.00 30.00 Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons): 40.00 36.00 211,507,41 Turnovers: 10.77 Net Throughput(gal/yr): 2,276,938.00

Is Tank Heated (y/n): Υ

Paint Characteristics

Shell Color/Shade: Aluminum/Diffuse

Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Cone Type:

Height (ft) 0.94 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psla)

2005 Tank 6 - Vertical Fixed Roof Tank Blackfoot, Idaho

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			ily Liquid Si perature (di		Liquid Bulk Temp	Vapo	r Pressure	(psla)	Vapor Mol.	Liquid Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Mín.	Max.	Weight.	Fract.	Fract.	Weight
tion become the contract contract to the distinct contract and a contract property of the distinct of				nite, during heles due, during	······································			and Sharps - Nyster days - St.	en Malino areaberen 12 dices escore			representation of solid members in
Asphalt Cement	A!I	375.00	370.00	380.00	375.00	0.0635	0.0564	0.0713	105.0000			1,000.00

2005 Tank 6 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	10.7547
Vapor Space Volume (cu ft):	3,048.3266
Vapor Density (lb/cu ft):	0.0007
Vapor Space Expansion Factor:	0.0132
Vented Vapor Saturation Factor:	0.9857
Tank Vapor Space Volume:	
Vepor Space Volume (cu ft):	3,048.3268
Tank Diameter (ft): Vapor Space Outage (ft):	30,0000 4,3125
Tank Shell Height (ft):	40.0000
Average Liquid Height (ft):	38.0000
Roof Outage (ft):	0.3125
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.3125
Roof Height (ft):	0.9375
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	15.0000
Vapor Density	
Vapor Density (lb/cu ft):	0,0007
Vapor Molecular Weight (lb/lb-mole): Vapor Pressure at Daily Average Liquid	105.0000
Surface Temperature (psia);	0.0635
Daily Avg. Liquid Surface Temp. (deg. R):	834.6700
Daily Average Ambient Temp. (deg. F):	46.3542
Ideal Gas Constant R	10,0012
(psia cuft / (lb-mot-deg R));	10.731
Liquid Bulk Temperature (deg. R):	834.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	1,371.0030
Factor (Blu/sqft day):	1,37 1.0030
Vapor Space Expansion Factor	0.0420
Vapor Space Expansion Factor: Daily Vapor Temperature Range (deg. R):	0.0132
Daily Vapor Pressure Range (psia):	10.0000 0.0149
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Dally Average Liquid	0,0000
Surface Temperature (psia):	0.0635
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psla): Vapor Pressure at Dally Meximum Liquid	0.0564
Vapor Pressure at Daily Maximum Liquid	0.0740
Surface Temperature (psia):	0.0713
Dally Avg. Liquid Surface Temp. (deg R): Dally Min. Liquid Surface Temp. (deg R):	834.6700 829.6700
Daily Max. Liquid Surface Temp. (deg R):	839.6700
Daily Ambient Temp. Range (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9857
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.0635
Vapor Space Outage (ft):	4.3125
Working Losses (lb):	361.4078
Vapor Molecular Weight (lb/lb-mole);	105.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia);	0.0635
Annual Net Throughput (get/yr.): Annual Turnovers:	2,276,938.0000
Turnover Factor:	10.7653 1.0000
Maximum Liquid Volume (gal):	211,507.4057
Maximum Liquid Height (ft):	40.0000
Tank Diameter (ft):	30.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	372.1625

Emissions Report for: Annual

2005 Tank 6 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)										
Components	Working Loss	2.000									
Asphalt Cement	361.41	10,75	372.16								

Identification

User Identification: City: State:

Blackfoot ldaho Company: Idaho Asphalt Type of Tank:

Vertical Fixed Roof Tank

Description: Cracked Heavy Oil Alkyl Amines Storage

2005 Tank 68

Tank Dimensions Shell Height (ft): 16,00 Diameter (ft):
Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons): 11.00 16.00 14.40 11,374.40 Turnovers: 1.74 Net Throughput(gal/yr): 19,755.00

Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: Shell Condition Aluminum/Diffuse

Good

Roof Color/Shade: Aluminum/Diffuse Good

Roof Condition:

Roof Characteristics

Cone Type:

Height (ft) 0.34 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings

Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 68 - Vertical Fixed Roof Tank Blackfoot, Idaho

a commence and account and providing a state of the commence o				and the second second second second		~~~			~#***			de la companya de la
			ily Liquid S perature (de		Liquid Buik Temp	Vapo	or Pressure	(psia)	Vapor Mol.	Liquid Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Welght.	Fract.	Fract.	Weight
Cracked Heavy Oil Alkyl Amines	All	115.00	110.00	120.00	115.00	0.0200	0.0190	0.0210	125.5466			167.36
1,2,4-Trimethylbenzene						0.1421	0.1215	0.1657	120.1900	0.0085	0.0805	120.19
Benzene						4.5082	4.0391	5.0204	78.1100	0.0000	0.0020	78.11
Diethylene Triamine (DETA)						0.0136	0.0113	0.0163	103.1700	0.1500	0.1361	103.17
Ethylbenzene						0.5877	0.5125	0.6720	106.1700	0.0011	0.0433	106.17
Hexane (-n)						6.8089	6.1399	7.5349	86.1700	0.0000	0.0004	86.17
Toluene						1.5030	1.3288	1.6958	92.1300	0.0003	0.0272	92.13
Unidentified Components						0.0152	0.0132	0.0132	140.5942	0.8377	0.6285	189.78
Xylene (-m)						0.4984	0.4339	0.5708	106.1700	0.0025	0.0819	106.17

2005 Tank 68 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	0.4245
Vapor Space Volume (cu ft):	162.9439
Vapor Density (lb/cu ft):	0.0004
Vapor Space Expansion Factor:	0.0176
Vented Vapor Saturation Factor:	0.9982
Fank Vapor Space Volume:	
Vapor Space Volume (cu ft):	162,9439
Tank Diameter (ft):	11.0000
Vapor Space Outage (ft):	1,7146
Tank Shell Height (ft):	16.0000
Average Liquid Height (ft):	14.4000
Roof Outage (ft):	0.1146
Roof Oulage (Cone Roof)	
Roof Outage (ft):	0.1146
Roof Height (ft):	0.3438
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	5.5000
/apor Density	
Vapor Density (lb/cu ft):	0.0004
Vapor Molecular Weight (ib/lb-mole):	125.5466
Vapor Pressure at Dally Average Liquid	0.0200
Surface Temperature (psla); Daily Avg. Liquid Surface Temp. (deg. R);	574.6700
Daily Average Ambient Temp. (deg. F):	46.3542
Ideal Gas Constant R	70.0072
(psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	574.6700
Tank Paint Solar Absorptance (Sheii):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	4.074.000
Factor (Blu/sqft day):	1,371.0030
/apor Space Expansion Factor	0.0470
Vapor Space Expansion Factor; Daily Vapor Temperature Range (deg. R);	0.0176 10.0000
Daily Vapor Pressure Range (psia):	0.0020
Breather Vent Press. Selling Range(psia);	0.0020
Vapor Pressure at Daily Average Liquid	0.0000
Surface Temperature (psia):	0.0200
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psla):	0.0190
Vapor Pressure at Daily Maximum Liquid	
Surface Temperature (psla):	0.0210
Daily Avg. Liquid Surface Temp. (deg R):	574.6700
Daily Min. Liquid Surface Temp. (deg R):	569.6700
Daily Max. Liquid Surface Temp. (deg R):	579.6700
Daily Ambient Temp. Range (deg. R):	25.8250
ented Vapor Saturation Factor	0.000
Vented Vapor Saturation Factor:	0.9982
Vapor Pressure at Daily Average Liquid:	0.0200
Surface Temperature (psia): Vapor Space Outage (ft):	1.7146
	4 4040
Vorking Losses (Ib): Vapor Molecular Weight (Ib/Ib-mole):	1.1810 125.5466
Vapor Pressure at Daily Average Liquid	120.0400
Surface Temperature (psia):	0.0200
Annual Net Throughput (gal/yr.):	19,755.0000
Annual Turnovers:	1.7368
Tumover Factor:	1.0000
Maximum Liquid Volume (gal):	11,374.3983
Maximum Liquid Height (ft):	16.0000
Tank Diameter (ft):	11.0000
Working Loss Product Factor:	1.0000
otal Losses (lb);	1.6055

Emissions Report for: Annual

2005 Tank 68 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)									
Components	Working Loss	Breathing Loss	Total Emissions							
Cracked Heavy Oil Alkyl Amines	1.18	0.42	1.61							
Toluene	0.03	0.01	0.04							
Diethylene Triamine (DETA)	0.16	0.06	0.22							
Ethylbenzene	0.05	0.02	0.07							
Xylene (-m)	0.10	0.03	0.13							
1,2,4-Trimethylbenzene	0.10	0.03	0.13							
Benzene	0.00	0.00	0.00							
Hexane (-n)	0.00	0.00	0.00							
Unidentified Components	0.74	0.27	1.01							

Identification

User Identification: City: State: Company:

2005 Tank 69 Blackfoot ldaho Idaho Asphalt

Type of Tank: Description:

Vertical Fixed Roof Tank Cracked Heavy Oil Alkyl Amines Storage

Tank Dimensions

Shell Helght (ft):
Diameter (ft):
Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons):
Turnovers: 16,00 11.00 16.00 14.40 11,374.40 1.74 Net Throughput(gal/yr): 19,755.00

Is Tank Heated (y/n):

Paint Characteristics Shell Color/Shade:

Shell Condition Roof Color/Shade: Roof Condition: Aluminum/Diffuse Good

Aluminum/Diffuse Good

Roof Characteristics

Type: Height (ft) Slope (ft/ft) (Cone Roof) Cone

0.34 0.06

Breather Vent Settings Vacuum Settings (psig): Pressure Settings (psig)

0.00 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 69 - Vertical Fixed Roof Tank Blackfoot, Idaho

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			nily Liquid S peralure (d		Liquid Bulk Temp	Vapo	or Pressure	(psia)	Vapor Mol.	Liquid Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Мах.	Weight.	Fract.	Fract.	Welght
Cracked Heavy Oil Alkyl Amines	All	115.00	110.00	120.00	115.00	0.0200	0.0190	0.0210	125.5466		n remaile con malener com a casses	167.36
1,2,4-Trimethylbenzene Benzene						0.1421 4.5082	0.1215 4.0391	0.1657	120.1900	0.0085	0.0805	120.19
Diethylene Triamine (DETA)						0.0136	0.0113	5.0204 0.0163	78.1100 103.1700	0.0000 0.1500	0.0020 0.1361	78.11 103.17
Ethylbenzene						0.5877	0.5125	0.6720	106.1700	0.0011	0.0433	108.17
Hexene (-n)						6.8089	6.1399	7,5349	86.1700	0.0000	0.0004	86.17
Toluene Unidentified Components						1.5030	1.3288	1.6958	92.1300	0.0003	0.0272	92.13
Xylene (-m)						0.0152	0.0132	0.0132	140.5942	0.8377	0.6285	189.78
vitorio (-111)						0.4984	0.4339	0.5708	106.1700	0.0025	0.0819	106.17

2005 Tank 69 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	0.4245
Vapor Space Volume (cu ft):	162.9439
Vapor Density (lb/cu ft):	0.0004
Vapor Space Expansion Factor:	0.0176
Vented Vapor Saturation Factor:	0.9982
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	162.9439
Tank Diameter (ft): Vapor Space Outage (ft):	11.0000
Tank Shell Height (ft):	1.7146 16.0000
Average Liquid Height (ft):	14.4000
Roof Outage (ft):	0.1146
Roof Oulage (Cone Roof)	
Roof Outage (ft):	0.1146
Roof Height (ft):	0.3438
Roof Stope (ft/ft): Shell Radius (ft):	0.0625
	5.5000
Vapor Density Vapor Density (lb/cu ft):	0,0004
Vapor Molecular Weight (lb/lb-mole):	125.5466
Vapor Pressure at Daily Average Liquid	120,0400
Surface Temperature (psia):	0.0200
Daily Avg. Liquid Surface Temp. (deg. R):	574.6700
Daily Average Ambient Temp. (deg. F):	46.3542
Ideal Gas Constant R	40.704
(psia cuft / (lb-mol-deg R)): Liquid Bulk Temperature (deg. R);	10.731 574.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	
Factor (Btu/sqft day):	1,371.0030
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0176
Dally Vapor Temperature Range (deg. R); Dally Vapor Pressure Range (psia);	10.0000 0.0020
Breather Vent Press, Setting Range(psia);	0.0020
Vapor Pressure at Daily Average Liquid	0.0000
Surface Temperature (psia):	0.0200
Vapor Pressure at Dally Minimum Liquid	
Surface Temperature (psia):	0.0190
Vapor Pressure at Dally Maximum Liquid	0.0040
Surface Temperature (psla): Daily Avg. Liquid Surface Temp. (deg R):	0.0210
Daily Min, Liquid Surface Temp. (deg R):	574.6700 569.6700
Daily Max. Liquid Surface Temp. (deg R):	579.6700
Dally Ambient Temp. Range (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9982
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psla);	0.0200
Vapor Space Outage (ft):	1.7146
Working Losses (ib):	1.1810
Vepor Molecular Weight (lb/lb-mole):	125.5466
Vapor Pressure at Dally Average Liquid Surface Temperature (psia):	0.0200
Annual Net Throughput (gal/yr.):	19,755.0000
Annual Turnovers:	1.7368
Turnover Factor:	1.0000
Maximum Liquid Volume (gal);	11,374.3983
Maximum Liquid Helght (fl):	16.0000
Tank Diameter (ft):	11.0000
Working Loss Product Factor:	1.0000
Tatal I annua di N	
Total Losses (lb):	1.6055

Emissions Report for: Annual

2005 Tank 69 - Vertical Fixed Roof Tank Blackfoot, Idaho

		Losses(lbs)	
Components	Working Loss	Breathing Loss	Total Emissions
Cracked Heavy Oil Alkyl Amines	1.18	0.42	1.61
Toluene	0.03	0.01	0.04
Diethylene Triamine (DETA)	0.16	0.06	0.22
Ethylbenzene	0.0,5	0.02	0.07
Xylene (-m)	0.10	0.03	0.13
1,2,4-Trimethylbenzene	0.10	0.03	0.13
Benzene	0.00	0.00	0.00
Hexane (-n)	0.00	0.00	0.00
Unidentified Components	0.74	0.27	1.01

Identification

User Identification: City: State: Company:

Blackfoot Idaho Idaho Asphalt

2005 Tank 7

Vertical Fixed Roof Tank Asphalt Cement Storage Type of Tank: Description:

Tank Dimensions

Shell Height (ft):
Diameter (ft):
Liquid Height (ft):
Avg. Liquid Height (ft): Volume (gallons): Turnovers: Net Throughput(gal/yr):

40.00 42.00 40.00 36.00 414,554.52 5.49 2,276,938.00

Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: Shell Condition

Aluminum/Diffuse

Roof Color/Shade: Roof Condition:

Aluminum/Diffuse

Good

Roof Characteristics

Type:

Cone

Height (ft) Slope (ft/ft) (Cone Roof)

1.31 0.06

Breather Vent Settings

Vacuum Settings (psig): Pressure Settings (psig)

0.00 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psla)

2005 Tank 7 - Vertical Fixed Roof Tank Blackfoot, Idaho

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			illy Liquid Si perature (de		Liquid Bulk Temp	Vapo	or Pressure	(psia)	Vapor Mol.	Liqu i d Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max,	Welght.	Fract.	Fract.	Weight
Fill deal fill depoints making belief against many in many in a constitution of management and constitution of a				et Armet, et et france a s	24420 stanting over more and an execution and		***********	*******	man sam sa an dibbarah nigan ni berita sam sa	er i Norman er de Santon Santon er en de en		
Asphalt Cement	Αlł	325.00	320.00	330.00	325.00	0.0183	0.0160	0.0208	105.0000			1,000.00

2005 Tank 7 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	PTT TERROUP, CORPORED E ANGLE AND CONTROL CONT
Standing Losses (lb):	6.6873
Vapor Space Volume (cu ft):	6,147.9005
Vapor Density (lb/cu ft):	0.0002
Vapor Space Expansion Factor:	0.0131
Vented Vapor Saturation Factor:	0.9957
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft);	6,147.9005
Tank Dlameter (ft):	42.0000
Vapor Space Outage (ft): Tank Shell Height (ft):	4.4375
Average Liquid Height (ft):	40.0000 38.0000
Roof Outage (ft):	0.4375
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.4376
Roof Height (ft):	1.3125
Roof Slope (fl/fl);	0.0625
Shell Radius (ft):	21.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0002
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia): Daily Avg. Liquid Surface Temp. (deg. R):	0.0183
Dally Average Ambient Temp. (deg. F):	784.6700 46.3542
Ideal Gas Constant R	40.0042
(psla cuft / (lb-mol-deg R));	10.731
Liquid Bulk Temperature (deg. R):	784.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof): Daily Total Solar Insulation	0.6000
Factor (Blu/sqft day):	1,371.0030
	,
Vapor Space Expansion Factor Vapor Space Expansion Factor:	0.0404
Daily Vapor Temperature Range (deg. R):	0.0131 10.0000
Daily Vapor Pressure Range (psia);	0.0049
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Dally Average Liquid	
Surface Temperature (psia):	0.0183
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psia); Vapor Pressure at Dally Maximum Liquid	0.0160
Surface Temperature (psia);	0.0208
Daily Avg. Liquid Surface Temp. (deg R):	784.6700
Daily Min. Liquid Surface Temp. (deg R):	779.6700
Daily Max. Liquid Surface Temp. (deg R):	789.6700
Daily Ambient Temp. Range (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9957
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psta): Vapor Space Outage (ft):	0.0183
	4.4375
Working Losses (lb):	104.0370
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.0400
Annual Net Throughput (gat/yr.):	0.0183 2,276,938.0000
Annual Turnovers:	5.4925
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	414,554.5153
Maximum Liquid Height (ft):	40.0000
Tank Diameter (ft); Working Loss Product Factor;	42.0000
MANUAL COSS PRODUCT LEGIOL:	1,0000
fotal Losses (ib):	110.7243

Emissions Report for: Annual

2005 Tank 7 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)							
Components	Working Loss	Breathing Loss						
Asphalt Cement	104.04	6.69						

Identification

User Identification: City: State: Company: Type of Tank:

Idaho Idaho Asphalt Vertical Fixed Roof Tank Asphalt Cement Storage

2005 Tank 74 Blackfoot

Tank Dimensions

Description:

Shell Height (ft):
Shell Height (ft):
Diameter (ft):
Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons):
Turnovers: 32.00 34.50 32.00 28,80 223,774.84 10.18 Net Throughput(gal/yr): 2,276,938.00 Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: AlumInum/Diffuse Shell Condition Good Aluminum/Diffuse Good Roof Color/Shade:

Roof Condition:

Roof Characteristics

Type: Cone

Height (ft) Slope (ft/ft) (Cone Roof) 1.08 0.06

Breather Vent Settings

Vacuum Settings (psig): Pressure Settings (psig) 0.00 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 74 - Vertical Fixed Roof Tank Blackfoot, Idaho

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	Dally Liquid Surf. Temperature (deg F)			Liquid Bulk Temp Vapor Pressure (psia)			Vapor Mol.	Liquid Mass	Vapor Mass	Moł.		
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min,	Max.	Weight.	Fract.	Fract.	Weight
and the second description of the first of the second contract of th		*****		to an Arterior and the state of the con-		er anne anne en er van de spesiel persone de la	- The bear with the Police Co.				at the track of the track of the contract of the con-	
Asphalt Cement	All	375.00	370.00	380.00	375.00	0.0835	0.0564	0.0713	105.0000			1,000.00

2005 Tank 74 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	resorting to come in the series of a series (p. nov. Long instant) on
Allindar Emission Calcaulations	w majoriwoossaas, o oossaas oo ah a' da miiyadaydayday ya dag
Standing Losses (lb):	11.7686
Vapor Space Volume (cu fl):	3,327.3677
Vapor Density (lb/cu ft):	0.0007
Vapor Space Expansion Factor:	0.0132
Vented Vapor Saturation Factor:	0.9882
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	3,327.3677
Tank Diameter (ft):	34.5000
Vapor Space Outage (ft):	3.5594
Tank Shell Height (ft):	32.0000
Average Liquid Height (ft): Roof Outage (ft):	28.8000 0.3594
radi duago (ii).	0.3334
Roof Outage (Cone Roof)	
Roof Oulage (ft):	0.3594
Roof Height (ft):	1.0781
Roof Slope (ft/ft): Shell Radius (ft):	0.0625 17.2500
, ,	77.2000
Vapor Density Vapor Density (lb/cu ft):	0.0007
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	0.0635
Dally Avg. Liquid Surface Temp. (deg. R):	834.6700
Daily Average Ambient Temp. (deg. F):	46.3542
Ideal Gas Constant R	10 721
(psia cuft / (lb-mol-deg R));	10.731 834.6700
Liquid Bulk Temperature (deg. R): Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	0.000
Factor (Btu/sqft day):	1,371.0030
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0132
Daily Vapor Temperature Range (deg. R):	10.0000
Daily Vapor Pressure Range (psia):	0.0149
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Daily Average Liquid	0.0000
Surface Temperature (psia); Vapor Pressure at Daily Minimum Liquid	0.0635
Surface Temperature (psia):	0.0564
Vapor Pressure at Daily Maximum Liquid	0.0004
Surface Temperature (psia):	0.0713
Daily Avg. Liquid Surface Temp. (deg R):	834.6700
Daily Min. Liquid Surface Temp. (deg R):	829.6700
Daily Max. Liquid Surface Temp. (deg R):	839.6700
Daily Ambient Temp. Range (deg. R);	25.8250
/ented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9882
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.0635
Vapor Space Outage (ft):	3.5594
Vorking Losses (lb):	361.4078
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia);	0.0005
Annual Nat Throughput (gal/yr.):	0.0635
Annual Turnovers:	2,276,938.0000 10.1751
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	223,774.8353
Maximum Liquid Height (ft):	32.0000
Tank Diameter (ft):	34,5000
Working Loss Product Factor:	1.0000
otal Losses (lb):	373,1764

Emissions Report for: Annual

2005 Tank 74 - Vertical Fixed Roof Tank Blackfoot, Idaho

		Losses(lbs)	
Components		Breathing Loss	Total Emissions
Asphalt Cement	361,41		373.18

Identification

User Identification: City: State: Company: Type of Tank:

2005 Tank 75 Blackfoot Idaho Idaho Asphalt

Vertical Fixed Roof Tank Asphalt Cement Storage

Tank Dimensions

Description:

Shell Height (ft):
Diameter (ft):
Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons):
Turnovers:
Net Throughput(gal/yr):

32.00 34.50 32.00 28.80 223,774.84 10.18 2,276,938.00

Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: Shell Condition Roof Color/Shade: Roof Condition:

Aluminum/Diffuse Good Aluminum/Diffuse

Good

Roof Characteristics

Type: Height (ft) Slope (ft/ft) (Cone Roof) Cone

1.08 0.06

Breather Vent Settings

Vacuum Settings (psig): Pressure Settings (psig)

0.00 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psla)

2005 Tank 75 - Vertical Fixed Roof Tank Blackfoot, Idaho

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	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp	Vapor Pressure (psia)			Vapor Mol.	Liquid Mass	Vapor Mass	Mol.	
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Weight
Asphalt Cement	All	375.00	370.00	380.00	375.00	0.0635	0.0564	0.0713	105.0000			1,000.00

2005 Tank 75 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (tb):	11.768
Vapor Space Volume (cu ft):	3,327.367
Vapor Densily (lb/cu ft):	0.000
Vapor Space Expansion Factor:	0.013
Vented Vapor Saturation Factor:	0.988
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	3,327.367
Tank Diameter (ft):	34.500 3.559
Vapor Space Outage (ft): Tank Shell Height (ft):	32,000
Average Liquid Height (ft):	28.800
Roof Outage (ft):	0.359
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.359
Roof Helght (it):	1.078
Roof Slope (fl/ft):	0.062
Shell Radius (ft):	17.250
Vapor Density	
Vapor Density (lb/cu ft):	0.000
Vapor Molecular Weight (lb/lb-mole):	105.000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.063
Daily Avg. Liquid Surface Temp. (deg. R):	834.670
Daily Average Ambient Temp. (deg. F):	46.354
Ideal Gas Constant R	
(psia cuft / (ib-mol-deg R)):	10.73
Liquid Bulk Temperature (deg. R):	834.670
Tank Paint Solar Absorptance (Shell):	0.600
Tank Paint Solar Absorptance (Roof):	0.600
Daily Total Solar Insulation Factor (Blu/sqft day):	1,371.003
(1,2
Vapor Space Expansion Factor Vapor Space Expansion Factor:	0.013
Daily Vapor Temperature Range (deg. R):	10.000
Daily Vapor Pressure Renge (psia):	0.014
Breather Vent Press. Setting Range(psia):	0.000
Vapor Pressure at Dally Average Liquid	
Surface Temperature (psia):	0.063
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psia):	0.056
Vapor Pressure at Daily Maximum Liquid	0.074
Surface Temperature (psia);	0.071 834.670
Daily Avg. Liquid Surface Temp. (deg R); Daily Min. Liquid Surface Temp. (deg R);	829.670
Daily Max. Liquid Surface Temp. (deg R):	839.670
Daily Ambient Temp. Range (deg. R):	25.825
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.988
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.063
Vapor Space Outage (ft):	3.559
Norking Losses (ib):	361.407
Vapor Molecular Weight (lb/lb-mote):	105.000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.063
Annual Net Throughput (gal/yr.):	2,276,938.000
Annual Turnovers:	10.175
Turnover Factor:	1.000
Maximum Liquid Volume (gal);	223,774.835
Maximum Liquid Height (ft):	32.000
Tank Diameter (ft);	34.500
Working Loss Product Factor;	1.000
Total Losses (lb);	373.176

Emissions Report for: Annual

2005 Tank 75 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)									
Components	Working Loss		Total Emissions							
Asphalt Cement	361.41	11.77	373.18							

Identification

User Identification: City: State:

Company: Type of Tank: Description:

2005 Tank 8 Blackfoot ldaho idaho Asphait

Vertical Fixed Roof Tank Asphalt Cement Storage

Tank Dimensions Shell Height (ft): 40.00 Diameter (ft): 42.00 Liquid Height (ft):
Avg. Liquid Height (ft): 40.00 36.00 Volume (gallons): 414,554.52 Turnovers: 5,49 Net Throughput(gal/yr): 2,276,938.00

Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: Aluminum/Diffuse

Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Type: Cone

Height (ft) 1.31 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings

Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 8 - Vertical Fixed Roof Tank Blackfoot, Idaho

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	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp	Vapor Pressure (psla)			Vapor Mol.		Vapor Mass	Mol.	
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Weight
Approximation in the contractive or the order transfer to the property for a majority of the most one or the second	~~, ~~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~,			// \#n\\nw		ted commentence on our or	······································			the section of a decident of the section of the sec	nimenonomo reconstrue que o	***************************************
Asphalt Cement	All	325.00	320.00	330.00	325.00	0.0183	0.0160	0.0208	105.0000			1,000.00

2005 Tank 8 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	en en ser start en
No. of the contract of the con	
Standing Losses (lb): Vapor Space Volume (cu ft):	6.6873
Vapor Density (lb/cu ft):	6,147.9005 0.0002
Vapor Space Expansion Factor:	0.0002
Vented Vapor Saturation Factor:	0.9957
	0,0007
Tank Vapor Spece Volume;	
Vapor Space Volume (cu ft):	6,147.9005
Tank Diameter (ft):	42.0000
Vapor Space Outage (ft):	4.4375
Tank Shell Height (ft): Average Liquid Height (ft):	40.0000 36.0000
Roof Outage (ft):	0.4375
Roof Outage (Cone Roof)	
Roof Outage (ft): Roof Height (ft):	0.4375
Roof Slope (ft/ft):	1.3125 0.0625
Shell Radius (ft):	21,0000
/apor Density	
Vapor Density (lb/cu ft):	0.0002
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Dally Average Liquid	
Surface Temperature (psia);	0.0183
Daily Avg. Liquid Surface Temp. (deg. R); Daily Average Ambient Temp. (deg. F);	784.6700 46.3542
Ideal Gas Constant R	40.3342
(psia cuft / (ib-mol-deg R)):	10.731
Liquid Buik Temperature (deg. R):	784.6700
Tank Paint Solar Absorptance (Shell): Tank Paint Solar Absorptance (Roof):	0.6000
Tank Paint Solar Absorptance (Reof):	0.6000
Daily Total Solar Insulation Factor (Btu/sqfl day):	1,371.0030
• • • • • • • • • • • • • • • • • • • •	1,071.0000
/apor Space Expansion Factor	0.0404
Vapor Space Expansion Factor: Daily Vapor Temperature Range (deg. R):	0.0131 10.0000
Daily Vapor Pressure Range (psia):	0.0049
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Daily Average Liquid	******
Surface Temperature (psia):	0.0183
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psia): Vapor Pressure at Dally Maximum Liquid	0.0160
Surface Temperature (psia):	0.0208
Dally Avg. Liquid Surface Temp. (deg R):	784.6700
Daily Min. Liquid Surface Temp. (deg R):	779.6700
Daily Max. Liquid Surface Temp. (deg R):	789.6700
Dally Ambient Temp. Range (deg. R):	25.8250
ented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9957
Vapor Pressure at Daily Average Liquid; Surface Temperature (psia):	0.0183
Vapor Space Outage (ft):	4.4375
Vorking Losses (lb):	104.0370
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Dally Average Liquid	74
Surface Temperalure (psia);	0.0183
Annual Net Throughput (gal/yr.):	2,276,938.0000
Annual Turnovers:	5.4925
Tumover Factor:	1.0000
Maximum Liquid Volume (gal);	414,554.5153
Meximum Liquid Height (ft): Tank Diameter (ft):	40.0000 42.0000
Working Loss Product Factor:	1.0000
. ====	,,,,,,,
otal Losses (lb);	110.7243
, ,	

Emissions Report for: Annual

2005 Tank 8 - Vertical Fixed Roof Tank Blackfoot, Idaho

		Losses(lbs)	
Components	Working Loss		
Asphalt Cement	104.04	6.69	110.72

Identification

User Identification: 2005 Tank 9 Blackfoot ldaho City: State: Company: Idaho Asphalt

Type of Tank: Vertical Fixed Roof Tank Description: Asphalt Cement Storage

Tank Dimensions

Shell Height (ft): 24.00 Diameter (ft): 18.00 Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons): 24.00 21.60 45,685.60 Turnovers: 49,84 Net Throughput(gal/yr): 2,276,938.00

is Tank Heated (y/n):

Paint Characteristics Shell Color/Shade: Aluminum/Diffuse

Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Cone

0.56 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank 9 - Vertical Fixed Roof Tank Blackfoot, Idaho

	**************************************								****		en property and the property of the second	• • • • • • • • • • • • • • • • • • • •	
				ly Liquid Su perature (de		Liquid Bulk Temp	Vapo	r Pressure	(psia)	Vapor Mol.	Liquid Mass	Vapor Mass	Moł.
- 1	Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Weight
	and propriet was at account accounts account and account accounts by the propriet and a feet account account account account and account accou		the direct the same terms are soon	·~ ~ ~ ~ ~ · · · · · · · · · · · · · ·		Are here to come to an according		Control to the second of the				markets of her later a second an about	w/**//
	Asphalt Cement	All	375.00	370.00	380.00	375.00	0.0635	0.0564	0.0713	105.0000			1,000.00

2005 Tank 9 - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	aris di dilatat di tanana a mang atahah mana sanasa an arisa an arisa at
STATE CONTROL OF THE PROPERTY	and a property of the second o
Standing Losses (lb): Vapor Space Volume (cu ft):	2.3364
	658.4385
Vaper Density (lb/cu ft): Vaper Space Expansion Factor:	0.0007 0.0132
Vented Vapor Saturation Factor:	0.0132
valida vapai dalaialaini dalai.	0.5814
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	658.4385
Tank Diameter (ft):	18.0000
Vapor Space Outage (ft): Tank Shell Height (ft):	2.5875
Average Liquid Height (ft):	24.0000 21.6000
Roof Outage (ft):	0.1875
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1875
Roof Height (ft):	0.5625
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	9.0000
Vapor Density	
Vapor Density (lb/cu ft);	0.0007
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Dally Average Liquid	
Surface Temperature (psia); Dally Avg. Liquid Surface Temp. (deg. R);	0.0635
Dally Average Ambient Temp. (deg. F):	834.6700 46.3542
Ideal Gas Constant R	40.3342
(psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	834.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Delly Total Solar Insulation	4.074.0000
Factor (Blu/sqft day):	1,371.0030
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0132
Daily Vapor Temperature Range (deg. R):	10.0000
Daily Vapor Pressure Range (psia):	0.0149
Breather Vent Press, Selling Range(psia):	0.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.0005
Vapor Pressure at Daily Minimum Liquid	0.0635
Surface Temperature (psia):	0.0564
Vapor Pressure at Daily Maximum Liquid	0.0007
Surface Temperature (psla):	0.0713
Dally Avg. Liquid Surface Temp. (dec R):	834.6700
Daily Min. Liquid Surface Temp. (deg R):	829.6700
Daily Max. Liquid Surface Temp. (deg R):	839.6700
Dally Ambient Temp. Range (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9914
Vapor Pressure at Dally Average Liquid: Surface Temperature (psia):	0.0000
Vapor Space Outage (ft):	0.0635 2.5875
vapor opada oataga (it).	2.0070
Working Losses (lb):	277.7785
Vapor Molecular Weight (lb/lb-mole):	105.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	0.0635
Annual Net Throughput (gal/yr.): Annual Turnovers:	2,276,938.0000
Turnover Factor;	49.8393 0.7686
Maximum Liquid Volume (gal):	45,685.5996
Maximum Liquid Height (ft);	24.0000
Tank Diameter (ft):	18.0000
Working Less Product Factor:	1.0000
Total Losses (%);	280.1149

Emissions Report for: Annual

2005 Tank 9 - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)									
Components	Working Loss	Breathing Loss								
Asphalt Cement	277.78	2.34	280.11							

Identification

User Identification: City: State: Company:

Blackfoot ldaho Idaho Asphalt

2005 Tank A

Type of Tank: Description:

Vertical Fixed Roof Tank Fatty Acid Derived Amines Storage

Tank Dimensions

Shell Height (ft): 18.00 Diameter (ft): Liquid Height (ft): Avg. Liquid Height (ft): Volume (gallons): 12.00 18.00 16.20 15,228.53 Turnovers: 4.26 Net Throughput(gal/yr): 64,835.00 Υ

Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: Aluminum/Diffuse

Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Type: Cone

Height (ft) 0.38 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings Vacuum Settings (psig): Pressure Settings (psig) 0.00 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank A - Vertical Fixed Roof Tank Blackfoot, Idaho

antition, in the programme, in grown a closery, it, and a grown, including a language		Đaily	/ Liquid Su erature (de	urf. ag F)	Liquid Bulk Temp		r Pressure		Vapor Mol.	Liquid Mass	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Weight
Fatty Acid Derived Amines	All	115.00	110.00	120.00	115.00	0.0086	0.0074	0.0100	300.0000	***************************************		300.00

2005 Tank A - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	0.5869
Vapor Space Volume (cu ft):	217.7124
Vapor Density (lb/cu ft):	0.0004
Vapor Space Expansion Factor:	0.0176
Venled Vapor Saturation Factor:	0.9991
Tank Vapor Space Volume:	
Vapor Space Volume (cu fi):	217.7124
Tank Diameter (ft):	12.0000
Vapor Space Outage (ft): Tank Shell Height (ft):	1.9250
Average Elquid Height (it):	18.0000 16.2000
Roof Outage (ft):	0.1250
Roof Outage (Cone Roof)	
Roof Outage (ff):	0.1250
Roof Height (ft):	0.3750
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	6.0000
Vapor Density	
Vapor Densily (ib/cu ft):	0.0004
Vapor Molecular Weight (lb/lb-mole):	300.0000
Vapor Pressure at Daily Average Liquid	0.0086
Surface Temperature (psia); Daily Avg. Liquid Surface Temp. (deg. R);	574.6700
Daily Average Ambient Temp. (deg. F);	46.3542
Ideal Gas Constant R	40.0042
(psia cuft / (/b-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	574.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation Factor (Blu/sqft day):	1,371.0030
i now (Diorodic day).	1,071.0000
/apor Space Expansion Factor Vapor Space Expansion Factor;	0.0176
Daily Vapor Temperature Range (deg. R):	10.0000
Daily Vapor Pressure Range (psla):	0.0025
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Dally Average Liquid	
Surface Temperature (psia):	0.0086
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psla):	0.0074
Vapor Pressure at Daily Maximum Liquid	20100
Surface Temperature (psla):	0.0100 574,6700
Daily Avg. Liquid Surface Temp. (deg R): Daily Min. Liquid Surface Temp. (deg R):	569.6700
Daily Max. Liquid Surface Temp. (deg R):	579,6700
Daily Ambient Temp. Range (deg. R):	25.8250
/ented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9991
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.0086
Vapor Space Outage (ft):	1.9250
Working Losses (lb);	3.9973
Vapor Molecular Weight (lb/lb-mole):	300.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	0.0086
Annual Net Throughput (gal/yr.):	64,835.0000
Annual Turnovers: Turnover Factor:	4.2575
Maximum Liquid Volume (gal):	1.0000 15,228,5332
Maximum Liquid Height (ft):	18.0000
Tank Diameter (ft):	12.0000
Working Loss Product Factor:	1.0000
Fotal Losses (lb):	4.5842
• •	

Emissions Report for: Annual

2005 Tank A - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)									
Components	Working Loss	Breathing Loss	Total Emissions							
Fatty Acid Derived Amines		0.59	4.58							

Identification

User Identification: 2005 Tank B City: Blackfoot State: ldaho Company: Idaho Asphalt

Type of Tank: Description: Vertical Fixed Roof Tank Ligninamine Storage

Tank Dimensions

Shell Height (ft): 18.00 Diameter (ft): 12.00 Liquid Height (ft):
Avg. Liquid Height (ft): 18.00 16.20 Volume (gallons): 15,228.53 Turnovers: 3.37 Net Throughput(gal/yr): 51,296.00 Υ

Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: Aluminum/Diffuse

Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Cone Type:

Height (ft) 0.38 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings

Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used In Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank B - Vertical Fixed Roof Tank Blackfoot, Idaho

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	Daily Liqui Temperature								Vapor Mol.	Liquid Vapor Mass Moss	Vapor Mass	Mol.
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Мах.	Welght.	Fract.	Fract.	Weight
Ligninamine	Ali	115.00	110.00	120.00	115.00	0.0358	0.0290	0.0441	900.0000			900.00

2005 Tank B - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	7.7036
Vapor Space Volume (cu ft):	217.7124
Vacor Density (lb/cu ft):	0.0052
Vapor Space Expansion Factor:	0.0186
Vented Vapor Saturation Factor:	0.9964
Tank Vapor Space Volume:	217.710
Vapor Space Volume (cu ft):	217.7124
Tank Diameter (ft):	12.0000 1.9250
Vapor Space Outage (ft): Tank Shell Height (ft):	18.0000
Average Liquid Height (ft):	16,2000
Roof Outage (ft):	0.1250
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1250
Roof Height (ft):	0.375
Roof Slope (fl/fl):	0.062
Shell Radius (ft):	6.000
Vapor Density	0.005
Vapor Density (tb/cu ft):	0.005
Vapor Molecular Weight (lb/lb-mole): Vapor Pressure at Daily Averege Liquid	900.000
Surface Temperature (psia):	0.035
Daily Avg. Liquid Surface Temp. (deg. R):	574.670
Daily Average Amblent Temp. (deg. F):	46.354
Ideal Gas Constant R	
(psia cuft / (lb-mol-deg R)):	10.73
Liquid Bulk Temperature (deg. R):	574.670
Tank Paint Solar Absorptance (Shell):	0.600
Tank Paint Solar Absorptance (Roof):	0.600
Daily Total Solar Insulation Factor (Btu/soft day):	1,371.003
• • •	.,,,,,,,,,,
Vapor Space Expansion Factor Vapor Space Expansion Factor:	0.018
Daily Vapor Temperature Range (deg. R):	10.0000
Daily Vapor Pressure Range (psia):	0.015
Breather Vent Press. Setting Range(psia):	0.0000
Vapor Pressure at Dally Average Liquid	
Surface Temperature (psia):	0.035
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psla):	0.029
Vapor Pressure at Daily Maximum Liquid	
Surface Temperature (psla):	0.044
Dally Avg. Liquid Surface Temp. (deg R):	574.670
Daily Min. Liquid Surface Temp. (deg R): Daily Max. Liquid Surface Temp. (deg R):	569,6700 579,6700
Daily Amblent Temp. Range (deg. R):	25.825
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.996
Vapor Pressure at Dally Average Liquid:	2,500
Surface Temperature (psia):	0.035
Vapor Space Outage (ft):	1.925
Vorking Losses (lb):	39.380
Vapor Molecular Weight (lb/lb-mole):	900.000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia);	0.035
Annual Net Throughput (gal/yr.):	51,296.000
Annual Turnovers:	3.368
Turnover Factor:	1.000
Maximum Liquid Volume (gal); Maximum Liquid Height (fl):	15,228.533 18,000
	18,000
Tank Diameter (ft): Working Loss Product Factor:	12.000
,,g = ooo ; rodaw; dotor;	*.000
Fotal Losses (lb):	47.084
	41.004

Emissions Report for: Annual

2005 Tank B - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)										
Components	Working Loss		Total Emissions								
Ligninamine	39.38	7.70	47.08								

Identification

User Identification: City: State:

2005 Tank G Blackfoot ldaho Idaho Asphalt

Company: Type of Tank:

Vertical Fixed Roof Tank Lube Oil/Amines/Tail Oil Storage

Description:

Tank Dimensions Shell Height (ft): Diameter (ft): Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons): Turnovers: Net Throughput(gal/yr): Υ

Is Tank Heated (y/n):

Paint Characteristics

Shell Color/Shade: Aluminum/Diffuse Shell Condition Good

Roof Color/Shade:

Aluminum/Diffuse

Roof Condition:

Good

Cone

Roof Characteristics

Туре: Height (ft)

0.38

Slope (ft/ft) (Cone Roof)

0.06

18.00 12.00

18.00 16.20 15,228.53

4.08

62,151.00

Breather Vent Settings Vacuum Settings (psig): Pressure Settings (psig)

0.00 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank G - Vertical Fixed Roof Tank Blackfoot, Idaho

Mixlure/Component	Month	Đai	ly Liquid Su erature (de Min.	ırf.	Liquid Bulk Temp (deg F)		r Pressure Mîn.		Vapor Mol. Weight.	Uquid Mass Fract.	Vapor Mass Fract.	Mol. Welght	
Adiponitrile	All	115.00	110.00	120.00	115.00	0.0003	0.0003	0.0004	108,0000	B. glace referent for Medicantin New York, as A sign News	*****************	108.00	

2005 Tank G - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb):	0.0077
Vapor Space Volume (cu ft):	217.7124
Vapor Density (lb/cu ft):	0.0000
Vapor Space Expansion Factor:	0.0174
Vented Vapor Saturation Factor:	1.0000
Tank Vapor Space Volume:	017.7101
Vapor Space Volume (cu ft):	217.7124 12.0000
Tank Diameter (ft): Vapor Space Outage (ft):	1,9250
Tank Shelf Height (ft):	18.0000
Average Liquid Height (ft):	16.2000
Roof Outage (ft):	0.1250
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1250
Roof Height (ft):	0.3750
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	6.0000
Vapor Density	0.0000
Vapor Density (lb/cu ft):	0.0000 108.0000
Vapor Molecular Weight (lb/lb-mole): Vapor Pressure at Daily Average Liquid	108.0000
Surface Temperature (psia):	0.0003
Daily Avg. Liquid Surface Temp. (deg. R):	574.6700
Dally Average Amblent Temp. (deg. F):	46.3542
Ideal Gas Constant R	
(psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	574.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof): Daily Total Solar Insulation	0.6000
Factor (Blu/sqft day):	1,371.0030
/apor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0174
Daily Vapor Temperature Range (deg. R):	10.0000
Dally Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(osia):	0.0000
Vapor Pressure at Daily Average Liquid	0.000
Surface Temperature (psia):	0.0003
Vapor Pressure at Dally Minimum Liquid Surface Temperature (psia):	0.0003
Vapor Pressure at Daily Maximum Liquid	0.0003
Surface Temperature (psia):	0.0004
Daily Avg. Liquid Surface Temp. (deg R):	574.6700
Daily Min. Liquid Surface Temp. (deg R):	569.6700
Daily Max. Liquid Surface Temp. (deg R):	579.6700
Daily Amblent Temp. Range (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	1.0000
Vapor Pressure at Dally Average Liquid:	0.0003
Surface Temperature (psfa): Vapor Space Outage (ft):	0.0003 1.9250
Working Losses (ib):	0.0507
Vapor Molecular Weight (ib/ib-mole):	108.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.0003
Annual Net Throughput (gal/yr.):	62,151.0000
Annual Turnovers:	4.0812
Turnover Factor:	1,0000
Maximum Liquid Volume (gal):	15,228.5332
Maximum Liquid Height (ft):	18.0000
Tank Diameter (ft):	12.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	0.0584

Emissions Report for: Annual

2005 Tank G - Vertical Fixed Roof Tank Blackfoot, Idaho

		Losses(lbs)										
Components	Working Loss		Total Emissions									
Adiponitrile	0.05		0.06									

Identification

User Identification: City: State: Company:

Idaho Idaho Asphalt Vertical Fixed Roof Tank

2005 Tank J

Blackfoot

Type of Tank: Description: Lube Oil/Amines/Tall Oil Storage

Tank Dimensions Shell Height (ft): 18.00 Dlameter (ft): 12.00 Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons): 18.00 16.20 15,228.53 Turnovers: 4.08 Net Throughput(gal/yr): Is Tank Heated (y/n): 62,151.00 Υ

Paint Characteristics

Shell Color/Shade: Aluminum/Diffuse Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

Roof Characteristics

Cone

Height (ft) 0.38 Slope (ft/ft) (Cone Roof) 0.06

Breather Vent Settings Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

2005 Tank J - Vertical Fixed Roof Tank Blackfoot, Idaho

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		Dally Liquid Surf. Temperature (deg F)			Liquid Bulk Temp	Vapor Pressure (pala)			Vapor Mol.	Liquid Vapor Mass Mass	Mol.		
Mixtu	re/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Weight
~~~~		and the state of t			# a a * ( * # # * # * * * * * * * * * * * * *		~ ~~~				te de la grande de la companyon de dande de la compa		~   * - * * - * - *
Adipo	nitrile	All	115.00	110.00	120.00	115.00	0.0003	0.0003	0.0004	108.0000			108.00

### 2005 Tank J - Vertical Fixed Roof Tank Blackfoot, Idaho

Annual Emission Calcaulations	
Standing Losses (lb);	0.0077
Vepor Space Volume (cu ft):	217.7124
Vapor Density (lb/cu ft):	0.0000
Vapor Space Expansion Factor:	0.0174
Vented Vapor Saturation Factor:	1.0000
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	217.7124
Tank Diameter (ft):	12.0000
Vapor Space Outage (ft):	1.9250
Tank Shell Height (ft):	18.0000
Average Liquid Height (ft): Roof Outage (ft):	16.2000 0.1250
- ''	
Roof Outage (Cone Roof) Roof Outage (fi):	0.1250
Roof Height (ft):	0.3750
Roof Slope (ft/ft):	0.0825
Shell Radius (ft):	6.0000
Japor Density	
Vapor Density (lb/cu ft):	0.000.0
Vapor Molecular Weight (tb/lb-mole):	108.0000
Vapor Pressure at Dally Average Liquid	A 0002
Surface Temperature (psia): Daily Avg. Liquid Surface Temp. (deg. R):	0.0003 574.6700
Daily Average Ambient Temp. (deg. F):	46.3542
Ideal Gas Constant R	40.3342
(psla cuft / (lb-mot-deg R)):	10.731
Liquid Bulk Temperature (deg. R);	574.6700
Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	
Factor (Blu/sqft day):	1,371.0030
Japor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0174
Daily Vapor Temperature Range (deg. R):	10.0000
Daily Vapor Pressure Range (psia);	0.0001
Breather Vent Press, Setting Range(psia):	0.0000
Vapor Pressure at Daily Average Liquid	0.0003
Surface Temperature (psia):	0.0003
Vapor Pressure at Dally Minimum Liquid Surface Temperature (psla):	0.0003
Vapor Pressure at Daily Maximum Liquid	0.0000
Surface Temperature (psia):	0.0004
Daily Avg. Liquid Surface Temp. (deg R):	574.6700
Daily Min. Liquid Surface Temp. (deg R):	569,6700
Daily Max. Liquid Surface Temp. (deg R):	579.6700
Daily Amblent Temp. Range (deg. R):	25.8250
/ented Vapor Saluration Factor	
Vented Vapor Saturation Factor:	1.0000
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.0003
Vapor Space Outage (ft):	1.9250
Vorking Losses (fb):	0.0507
Vapor Molecular Weight (lb/lb-mole):	108.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	0.0003
Annual Net Throughput (gal/yr.):	62,151.0000
Annual Turnovers:	4.0812
Turnover Factor:	1.0000
Maximum Liquid Volume (gat):	15,228.5332
Maximum Liquid Height (ft): Tank Diameter (ft):	18.0000 12.0000
Working Loss Product Factor:	12.0000
Training Education and I delete.	1.0000
olal Losses (lb);	0.0584
arm manage (m).	0.0004

**Emissions Report for: Annual** 

2005 Tank J - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)									
Components	Working Loss	Breathing Loss	Total Emissions							
Adiponitrile	0.05	0.01	0.06							

Identification

User Identification: City: State:

Company: Type of Tank: Description: Idaho Asphalt Vertical Fixed Roof Tank Lube Oil/Amines/Tall Oil Storage

2005 Tank K

Blackfoot

ldaho

Tank Dimensions Shell Height (ft): 18.00 Diameter (ft): 12.00 Liquid Height (ft):
Avg. Liquid Height (ft):
Volume (gallons): 18.00 16.20 15,228.53 Turnovers: 4,08 Net Throughput(gal/yr): 62,151.00 Is Tank Heated (y/n): Υ

**Paint Characteristics** Shell Color/Shade: Aluminum/Diffuse

Shell Condition Good

Roof Color/Shade: Aluminum/Diffuse

Roof Condition: Good

**Roof Characteristics** 

Cone Type:

Height (ft) 0.38 Slope (ft/ft) (Cone Roof) 0.06

**Breather Vent Settings** 

Vacuum Settings (psig): 0.00 Pressure Settings (psig) 0.00

Meterological Data used in Emissions Calculations: Pocatello, Idaho (Avg Atmospheric Pressure = 12.53 psia)

# 2005 Tank K - Vertical Fixed Roof Tank Blackfoot, Idaho

and the contract reports and the contract of t				w.r.a	n a despute o to a company open a company open				والرزارية والمسترور الاستاناطان			
	Daily Liquid Surf. Temperature (deg F)				Liquid Bulk Temp	Vapor Pressure (psia)			Vapor a) Mol.	Liquid Vapor Mass Mass	Mol.	
Mixture/Component	Month	Avg.	Min.	Max.	(deg F)	Avg.	Min.	Max.	Weight.	Fract.	Fract.	Weight
Adiponitrije	Ail	115.00	110.00	120.00	115.00	0.0003	0.0003	0.0004	108.0000			108.00

### 2005 Tank K - Vertical Fixed Roof Tank Blackfoot, Idaho

And the state of t	+ 4°00° - 0000000000000000000000000000000
Annual Emission Catcaulations	and the second s
Stending Losses (lb):	0.0077
Vapor Space Volume (cu ft):	217.7124
Vapor Densily (lb/cu ft);	0.0000
Vapor Space Expansion Factor:	0.0174
Vented Vapor Saturation Factor:	1.0000
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	217.7124
Tank Diameter (R):	12.0000
Vapor Space Outage (ft):	1.9250
Tank Shell Height (ft):	18.0000
Average Liquid Height (ft); Roof Oulage (ft):	16.2000 0.1250
Roof Outage (Cone Roof)	0.4050
Roof Outage (fi): Roof Height (fi):	0.1250
Roof Slope (ft/ft):	0.3750 0.0625
Shell Radius (fl):	6.0000
Vapor Density	
Vapor Density (ib/cu ft);	0.0000
Vapor Molecular Weight (lb/lb-mole):	108.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	0.0003
Daily Avg. Liquid Surface Temp. (deg. R): Daily Average Ambient Temp. (deg. F):	574.6700
Ideal Gas Constant R	48.3542
(psia cuft / (ib-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	574.6700
Liquid Bulk Temperature (deg. R): Tank Paint Solar Absorptance (Shell):	0.6000
Tank Paint Solar Absorptance (Roof):	0.6000
Daily Total Solar Insulation	
Factor (Btu/sqft day):	1,371.0030
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0174
Daily Vapor Temperature Range (deg. R):	10.0000
Dally Vepor Pressure Range (psia); Breather Vent Press, Setting Range(psia);	0.0001
Vapor Pressure at Dally Average Liquid	0.0000
Surface Temperature (psia):	0.0003
Vapor Pressure at Daily Minimum Liquid	0.0000
Surface Temperature (psia):	0.0003
Vapor Pressure at Daily Maximum Liquid	
Surface Temperature (psia):	0.0004
Daily Avg. Liquid Surface Temp. (deg R):	574.6700
Daily Min. Liquid Surface Temp. (deg R):	569,6700
Daily Max. Liquid Surface Temp. (deg R):	579.6700
Delly Amblent Temp. Range (deg. R):	25.8250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	1.0000
Vapor Pressure at Daily Average Liquid; Surface Temperature (psia);	0.0003
Vapor Space Outage (ft):	1.9250
Working Losses (ib);	0.0507
Vapor Molecular Weight (lb/lb-mole):	108.0000
Vapor Pressure at Daily Average Liquid	100.000
Surface Temperature (psia):	0.0003
Annual Net Throughput (gal/yr.);	62,151.0000
Annual Turnovers:	4.0812
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	15,228.5332
Maximum Liquid Height (ft):	18.0000
Tank Diameter (ft):	12.0000
Working Loss Product Factor:	1.0000
Total Lagran (Ib):	0.0=0:
Total Losses (lb):	0.0584

**Emissions Report for: Annual** 

2005 Tank K - Vertical Fixed Roof Tank Blackfoot, Idaho

	Losses(lbs)		
Components	Working Loss	Breathing Loss	
Adiponitrile	0.05	0.01	0.06

# TANKS 4.0.9d Emissions Report - Detail Format Total Emissions Summaries - All Tanks in Report

#### **Emissions Report for: Annual**

Tank Identification	A STATE OF THE STA	The Hard Andrew Commence of the Hard Andrew Commence of the State of t	and the state of t
2005 Tank 10	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 12	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 13	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 14	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 15	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 16	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 17	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 18	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 19	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 20	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 22	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 23	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 2320-1	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 24	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 25	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 26r1	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 27	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 28r1	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 29	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 2r1	idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 3	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 320-1	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 35	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 35 - Combined	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 36	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 37	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 38	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho

Total from the popular control of the property of the popular control of the popular contro			
2005 Tank 4	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 4 - Combined	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 44	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 45	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 46	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 47	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 48	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 49	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 5	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 50	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 51	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 52	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 53	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 54	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 55	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 6	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 68	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 69	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 7	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 74	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 75	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 8	Idaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank 9	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank A	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank B	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank G	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank J	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
2005 Tank K	ldaho Asphalt	Vertical Fixed Roof Tank	Blackfoot, Idaho
Total Emissions for all Tanks:			en e